

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO
CERAMO COMPANY, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

Clay in the state of Missouri. The extent of the

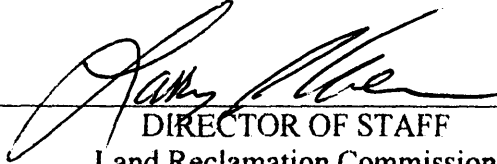
Proposed mining operation(s) will be on 14 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Cape Girardeau	28, 33, SUR 799	32N	13E	14	0	14	Pit #1	0280

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 14th day of May 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0193
Effective Date 05/14/2004
Expiration Date 04/30/2005



RECEIVED

APR 30 2004

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL

MISSOURI LAND
RECLAMATION COMMISSION

Ceramo Company, Inc

April 1, 2004

ADDRESS

681 Kasten Drive

CITY

Jackson

STATE

Missouri

ZIP CODE

63755

CONTACT PERSON

Kenneth Kasten

TELEPHONE

573 243 3138

FEES: COMPLETE SECTION I OR SECTION II

Section I. Fees: Open pit operators and those mining more than five thousand (5,000) tons of sand and/or gravel:

1. To compute the site fee complete the columns and lines below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six (6) months per permit year pay \$150.00
		For sites operated six (6) months or more per permit year pay \$300.00
1 Site #0280 Pit #1, Permit 0193	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	\$300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$300.00

2. Acreage fee: \$5 X 14 number of acres bonded \$ 70.00

3. Annual permit fee: \$ 500.00

4. Total Fee: Add totals from 1, 2, and 3 \$ 870.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only -----\$2,500.00

SECTION II. FEES: Sand and/or gravel operators mining less than five thousand (5,000) tons per year:

1. Annual Permit Fee-----\$ 300.00

SIGNATURE OF APPLICANT

Kenneth Kasten

TITLE

Plant Engineer

DATE

4 - 1 2004

Appeared before me this 28 day of April, 2004, Kenneth Kasten to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL

STATE

Missouri

SUBSCRIBED AND SWORN BEFORE ME, THIS

28th

DAY OF

April

2004

NOTARY PUBLIC SIGNATURE

MY COMMISSION EXPIRES

NOTARY PUBLIC NAME (TYPED OR PRINTED)

Betty J. Scheper

COUNTY (OR CITY OF ST. LOUIS)

Cape Girardeau

RUBBER STAMP CLEAR AREA BELOW

FOR DEPARTMENT USE ONLY: APPROVED BY

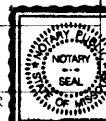
DATE APPROVED

PERMIT NUMBER

5-10-04

0193

4-30-05

BETTY J. SCHEPER
Cape Girardeau County
My Commission Expires
February 26, 2008



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Ceramo Company Pit #1		PERMIT NUMBER #193	
COMPANY NAME Ceramo Company, Inc.			
COUNTY Cape Girardeau	1/4 SECTION 28.33 / Sur 799	SECTION	
TOWNSHIP T-32N	RANGE 13E	ACRES 14	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
MINERAL COMMODITY Clay/Shale		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Ceramo Company, Inc.		
ADDRESS P. O. Box 485		
CITY Jackson	STATE Missouri	ZIP CODE 63755-0485
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 7-19-76

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Ceramo Company, Inc.		
ADDRESS P. O. Box 485 (681 Kasten Drive)		
CITY Jackson	STATE Missouri	ZIP CODE 63755-0485
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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MAY 22 1995

Ceram9 Co, Inc
193

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: May 1, 2002 May 4, 2052

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DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Generally rolling, hilly terrain. Area where pit was opened was rocky, with shale outcropping; sparse vegetative cover. Other area was grass covered.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

10 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Used scraper-hauler to remove and store topsoil off clay/shale deposits.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Top soil stored by piling with tractor drawn scraper-hauler.
Seeded with Korean Lespedeza (10#/acre)

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RECLAMATION COMMISSION

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B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

"Spoils" consist of a fine loess cover. This is piled and stacked mechanically and subsequently placed over completed area.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None.

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

We believe location and orientation is clear on attached maps.

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RECLAMATION COMMISSION

YES NO

- | | | |
|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any excavation be at or within fifty feet (50') of the right-of-way of any public road? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.) |

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RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1 Fescue and fertilizer	PURPOSE OR LAND USE Farmland	B. SEEDING OR PLANTING TIME Autumn
--	---------------------------------	---------------------------------------

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Fescue and fertilizer was, and will be broadcast mechanically.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue Korean Lespedeza (10#/acre)	50-75 #/acre		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

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RECLAMATION COMMISSION

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Mining Permit #193, upon which renewal is requested, covers 14 acres mining operations. Topsoil is placed to cover and modify the terrain of previous pit operations at this site. Our mining operations will eventually produce an open pit area of approximately five acres. The pit floor will be essentially flat with a clay/shale bank surrounding the pit on all sides. The company plans to develop this pit into a water reservoir-fishing lake. An earthen dam will be constructed across the mouth of the present drainage ditch to entrap the water. Plans are to continue dozing on $1\frac{1}{2}$ to $2\frac{1}{2}$ acres of previously mined area to bring it to grade equal to, or somewhat less than the original slope.

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RECLAMATION COMMISSION

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Ongoing thru 2005, at which time it is expected that shale supply will be exhausted. Grading and topsoil replacement will be completed within 12 months after the expiration or renewal of the permit under which surface mining disturbance occurred.

REPLACEMENT OF TOPSOIL

Ongoing thru 2005

REVEGETATION

Ongoing thru 2005
Seeding and planting will be completed within 12 months after grading and topsoil replacement.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)
12 inches

D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	9
Water impoundments (for wildlife, agricultural, or development)	5

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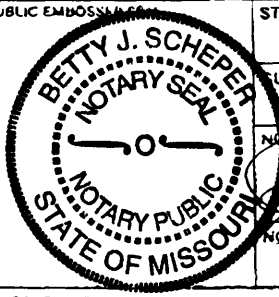
By my signature, I attest to the following:

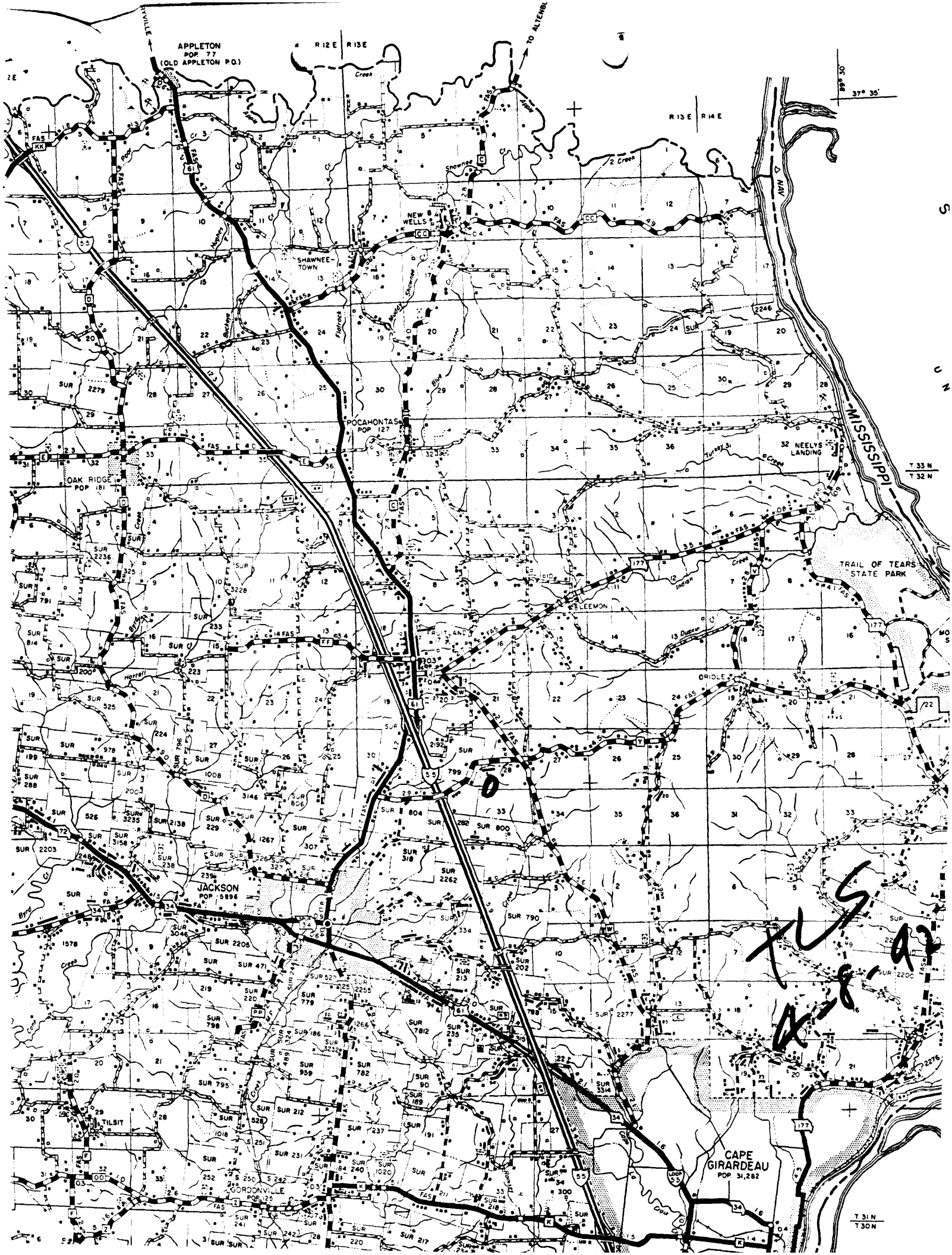
1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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SIGNATURE OF APPLICANT <i>Kenneth</i>		TITLE Chief engineer	DATE 5-18-95
	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Cape Girardeau</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>18th</i> DAY OF <i>May</i> 19 <i>95</i>		
	NOTARY PUBLIC SIGNATURE <i>Betty J. Schepers</i>	MY COMMISSION EXPIRES <i>February 24, 1998</i>	USE RUBBER STAMP IN CLEAR AREA BELOW
NOTARY PUBLIC NAME (TYPED OR PRINTED) Betty J. Schepers			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Brian D. Hicks</i>		DATE APPROVED 6-2-95	PERMIT NUMBER 193



Ceramo Company inc.

P.O. BOX 485

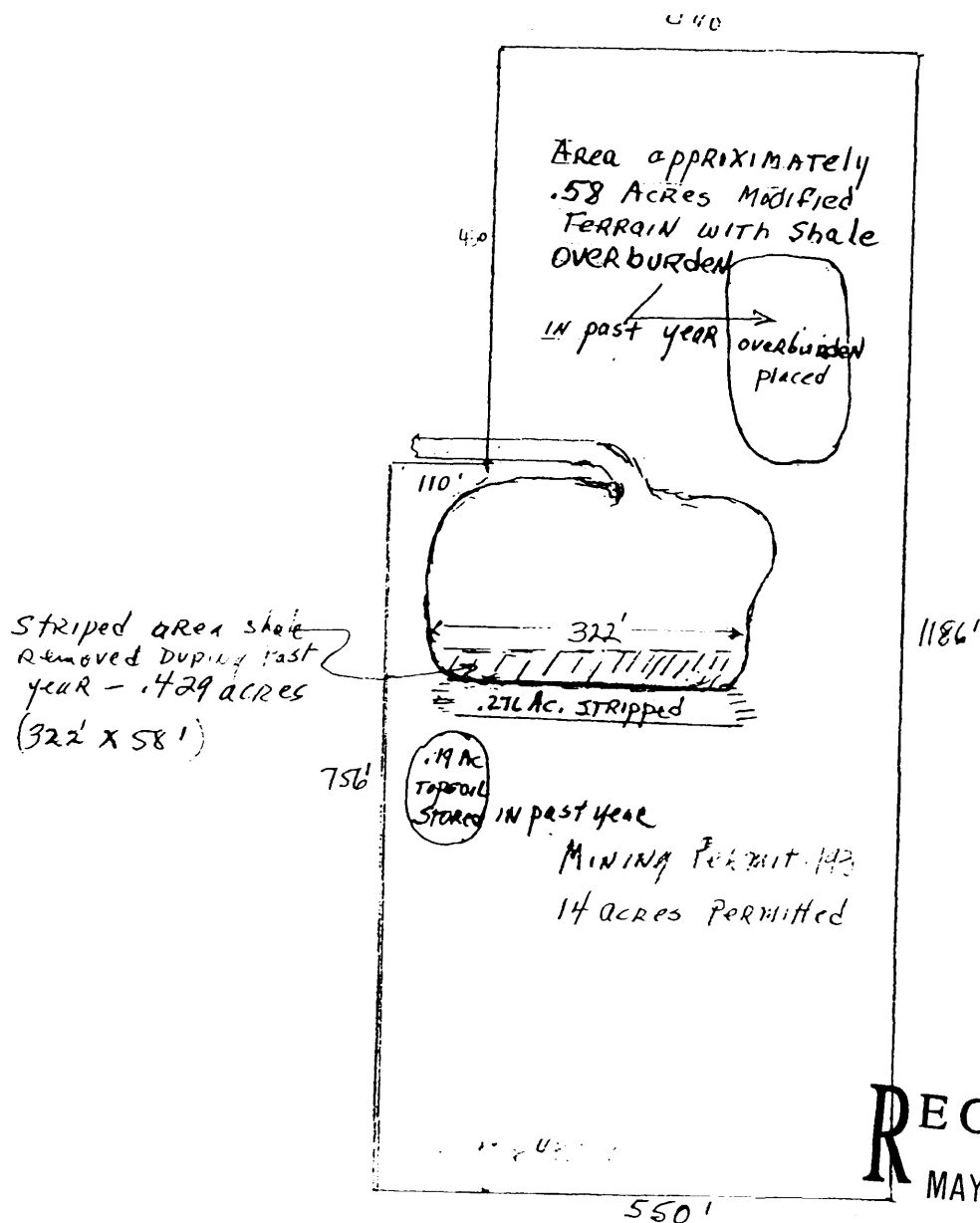
JACKSON, MO 63755-0485

TELEPHONE 314-243-3138

FAX (314) 243-3130



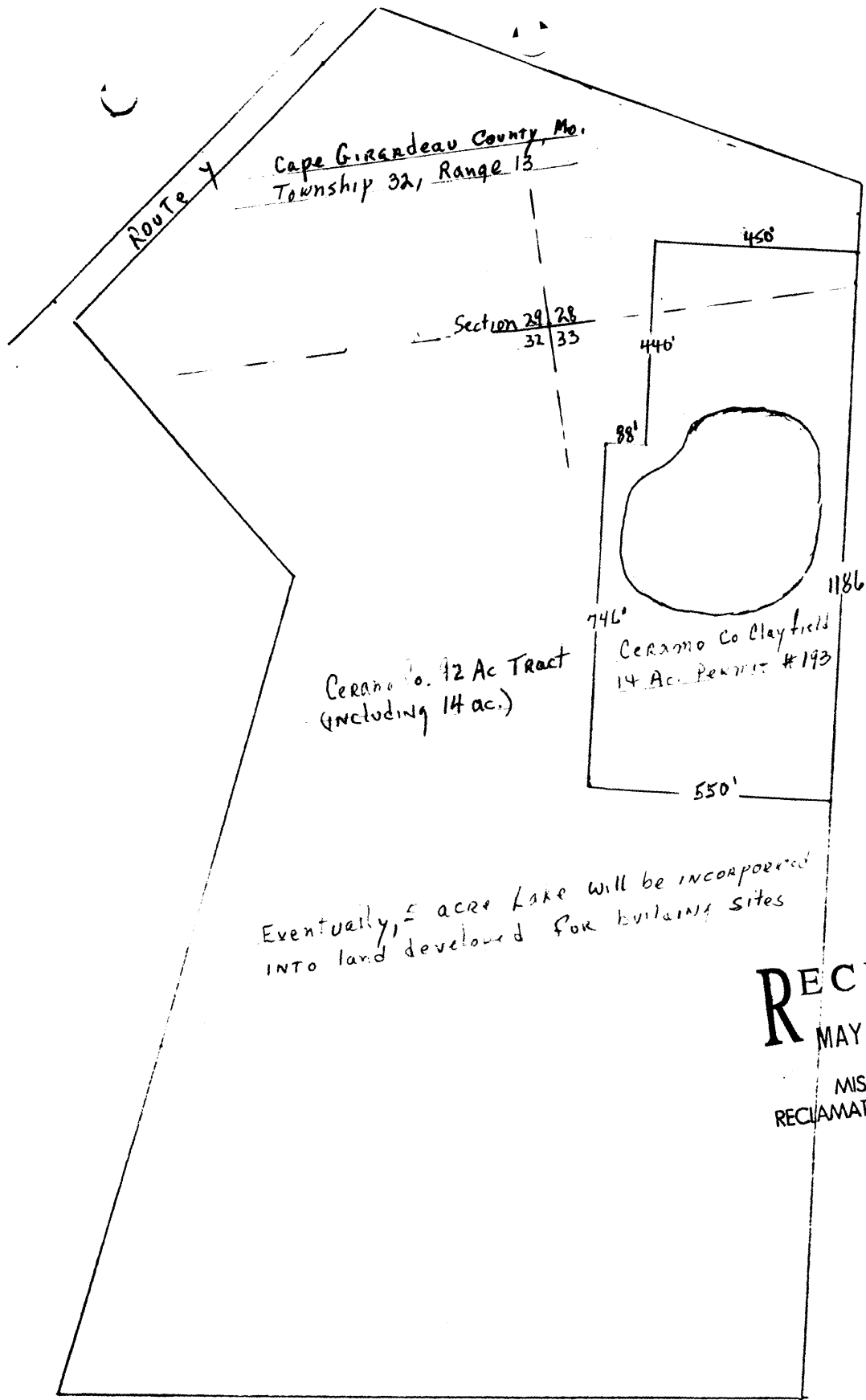
QUALITY RED CLAY FLOWER POTS



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Annual Reclamation Status Report
Ceramo Co Inc Jackson Mo
Permit 193

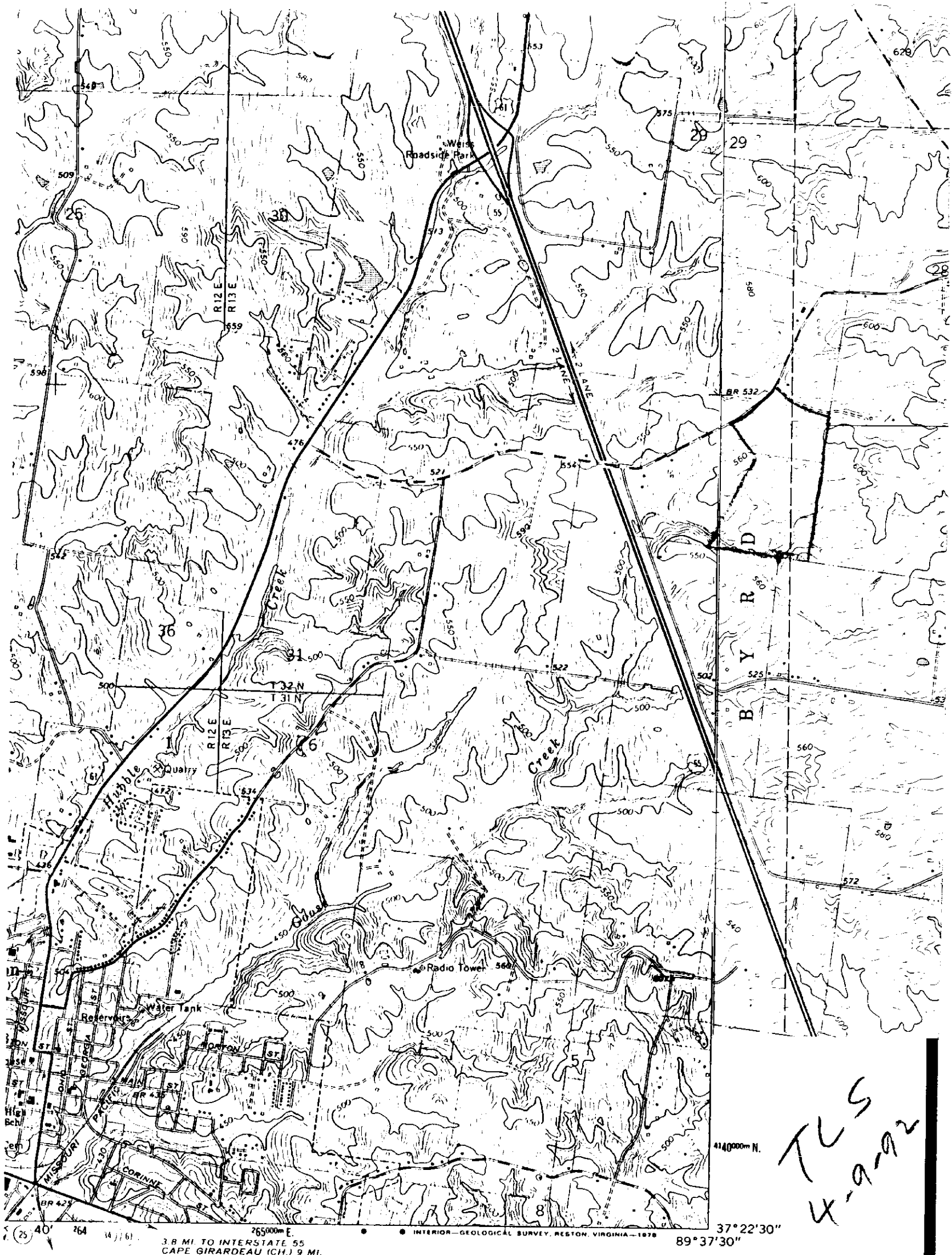
Scale 1" = 200'



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5-16-95 Drawn by
Scale 1" = 330'

Ceramo Co. Inc., Box 485, Jackson Mo



TLS
4-a-92

3.8 MI. TO INTERSTATE 55
CAPE GIRARDEAU (CH.) 9 MI.

265000m E.

4140000m N.

37° 22' 30"

89° 37' 30"

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty	—————	Light-duty	—————
Medium-duty	- - - - -	Unimproved dirt

() Interstate Route () U. S. Route () State Route

JACKSON, MO.

N3722.5 — W8937.5/7.5



2001
SNIDER
CEMETERY

14
122.67A

Scale 1"=400'

N
1

MAP 10-704
1"=200'

Residence
Wm. K. Sander
12
11.01A
12.11A(C)

Wm
Eggers

CATTLE BARN
MACHINES
GRAINERY

AD. DIST.

B. Calving
Sheds,
Chicken Hoos.

Wm. M.
Eggers
FARM

Ceramo
Co. INC.
92 ACRES

746'
Present Stage 1196'
Ceramo Co. Fldg.
14 ACRES)
FORM. 1993
Presently
UNDISTURBED

550'
Future
(5-10 years)
use

Cape Girardeau County, Map Sec 28+33
T-32N, R-13E, L. Robert Kincaid & Assoc. map
17978A Map Photo
1981,
Revised 1-1990

Ceramo Company inc.

P.O. BOX 485

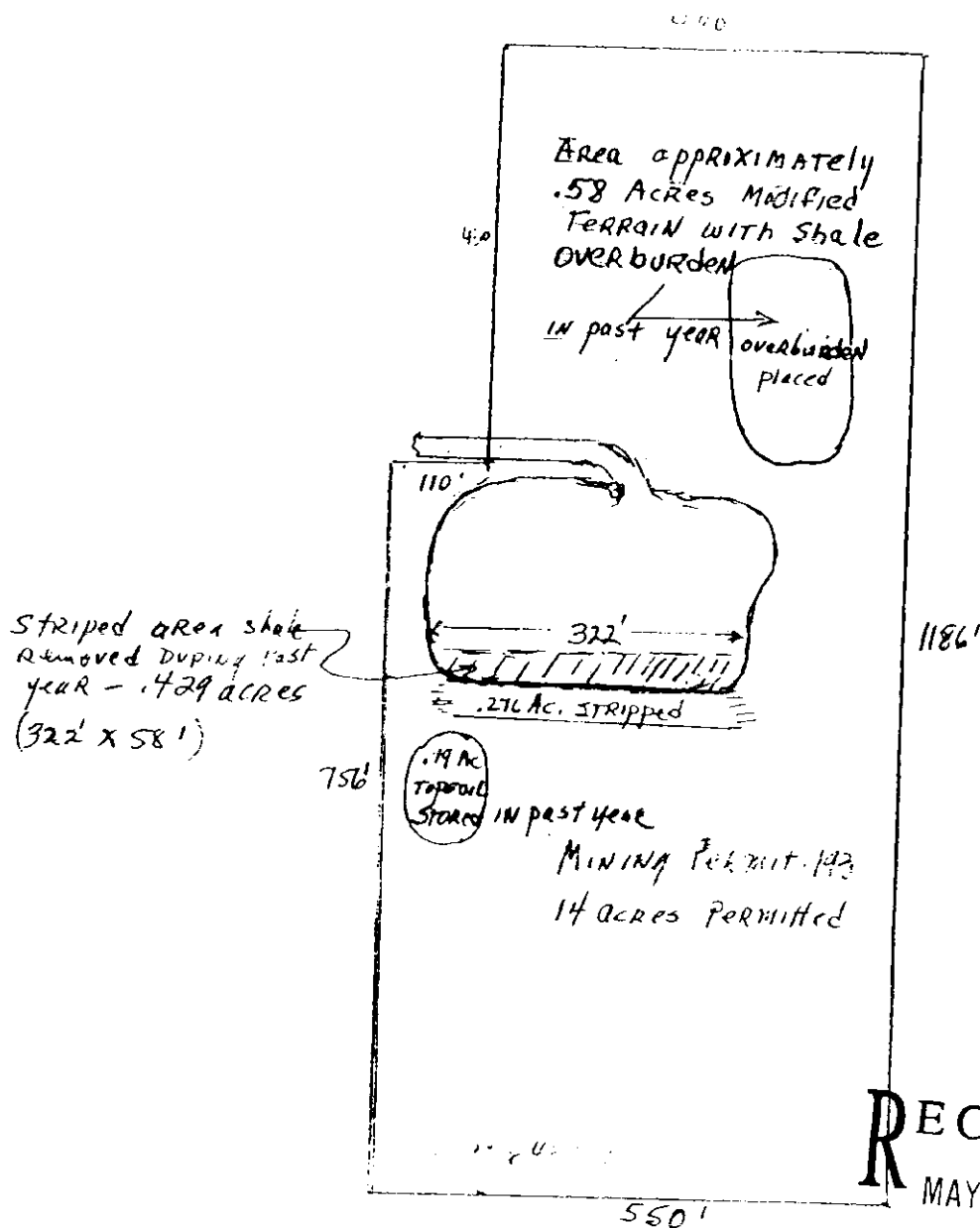
JACKSON, MO 63755-0485

TELEPHONE 314-243-3138

FAX (314) 243-3130



QUALITY RED CLAY FLOWER POTS



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Annual Reclamation Status Report
Ceramo Co Inc Jackson Mo
Permit 193

Scale 1" = 200'

Route 7

Cape Girardeau County, Mo.
Township 32, Range 13

Section 28
32 33

Ceramo Co. 92 Ac Tract
(including 14 ac.)

Ceramo Co Clay fields
14 Ac. Permit #193

Eventually, 5 acre Lake will be incorporated
into land developed for building sites

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MISSOURI LAND
RECLAMATION COMMISSION

1
North

Ceramo Co. Inc., Box 485, Jackson Mo

5-16-95 Drawn by K.R.
Scale 1" = 330'